

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20 (canceled)

21. (currently amended) A composition suitable for vascular embolization comprising:

ethylene vinyl alcohol copolymer 3-9% weight/final weight

tantalum contrast agent 37-40% weight/final weight

DMSO solvent and

fumed silica in an amount to impart a shear thinning index to the composition measured at 1 s^{-1} and 10 s^{-1} at 37°C of 4.0 to 6.5 where the composition has a high viscosity at low shear conditions as defined by a viscosity of greater than about 25,000 cP at 37°C at a shear rate of 0.24 s^{-1} and a viscosity of less than about 5000 cP at 37°C when a shear rate of at least about 100 s^{-1} is applied, and

where ethylene vinyl alcohol copolymer and fumed silica are present in the composition in a weight ratio from about 1.33:1 to about 1.0:1.

22. (previously presented) The composition according to claim 21 comprising ethylene vinyl alcohol copolymer about 8.2% weight/final weight, tantalum about 38% weight/final weight and fumed silica about 6.2% weight/final weight in DMSO solvent.

Claim 23-29 (canceled)

30. (currently amended) A kit of parts suitable for use in embolizing a selected vascular site comprising: a composition of claim [[1]] 21 and a catheter sized and selected to be compatible with the selected vascular site.

31. (original) The kit according to claim 30, wherein the catheter is a microcatheter.

32. (original) The kit according to claim 31, wherein the catheter is suitable for use with a guidewire.

33. (original) The kit according to claim 30, further including a syringe for feeding the composition of claim 1 to the catheter.

34. (original) The kit according to claim 30, further included a vascular prosthesis.

35. (original) The kit according to claim 34, wherein said vascular prosthesis is an endovascular prosthesis.

36. (original) The kit according to claim 30, further including a quantity of a non-particulate agent.

37. (original) The kit according to claim 36, wherein said non-particulate agent is one or more coils.

38. (original) The kit according to claim 30, further including directions for use relating to a treatment procedure.

39. (original) The kit according to claim 38, wherein said treatment procedure comprises embolization of a blood vessel for treating one or more aneurysms or arteriovenous fistulae.

40. (original) The kit according to claim 39, wherein the treatment procedure includes attaching a prosthesis to a blood vessel.

41. (new) The composition of claim 21 wherein ethylene vinyl alcohol copolymer and fumed silica are present in the composition in a weight ratio of about 1.09:1.

42. (new) The composition of claim 21 wherein ethylene vinyl alcohol copolymer and fumed silica are present in the composition in a weight ratio of about 1.18:1.

43. (new) The composition of claim 21 wherein ethylene vinyl alcohol copolymer and fumed silica are present in the composition in a weight ratio of about 1.25:1.

44. (new) The composition of claim 21 wherein ethylene vinyl alcohol copolymer and fumed silica are present in the composition in a weight ratio of about 1.33:1.